UNITED
NATIONS

ST

Secretariat

Distr.
GENERAL

ST/SG/AC.10/C.3/1997/88
2 October 1997

Original: ENGLISH

COMMITTEE OF EXPERTS ON THE TRANSPORT OF DANGEROUS GOODS

Sub-Committee of Experts on the Transport of Dangerous Goods
(Fourteenth session, Geneva, 8-18 December 1997, agenda item 2 (a))

DRAFT AMENDMENTS TO THE MODEL REGULATIONS ON THE TRANSPORT OF DANGEROUS GOODS

Tanks

Tank Coding and Implementing the Rationalized Approach

Transmitted by the Expert from the United States of America

1. During its thirteenth session, the Sub-Committee agreed that the rationalized approach for the assignment of portable tank requirements should be incorporated into the Model Regulation. The expert from the United States agreed to develop the necessary amendments in a proposal for consideration at the fourteenth session of the Sub-Committee. This proposal includes the necessary amendments to Part 4 to incorporate the rationalized approach for portable tanks in the Model Regulation.

2. On the basis of the rationalized approach, the expert from the United States reviewed the T codes currently in 4.2.4.2.6 of the Model Regulation. It was determined that only 14 T codes are necessary. Unnecessary T codes are proposed to be deleted and the remaining codes are proposed to be renumbered. Additionally, the expert from the United States reviewed the portable tank special provisions (TP notes). Consequential amendments to Part 4 are also proposed. The revised T codes (portable tank types) consequential amendments and proposed amendments to the portable tank special provisions are shown in Annex of this proposal.

3. On the basis of the revised T codes, the portable tank hierarchy (see 4.2.4.2.5) is proposed to be revised (see Annex).

4. A revised Dangerous Goods List incorporating the revised T codes consistent with the rationalized approach will be developed. In applying the rationalized approach, when substances are found to be assigned to portable tanks with higher minimum test pressures than that corresponding to the rationalized approach, the higher test pressures will be maintained (i.e. 6 bar min. Test pressure for Isohexene, UN 2288). The revised Dangerous goods list will be provided to the Secretariat and a list of the proposed amendments will be made available as an information document for those delegates wishing to review it at the fourteenth session of the Sub-Committee. Proposed amendments to the Dangerous Goods List will be mailed to heads of delegations prior to the fourteenth session

* * * * *

Annex

The following is a list of existing T Codes (Tenth Revised Edition) which are used in the Rationalized Approach for Portable Tanks.

T1, T2, T3, T4, T6, T13, T19, T20, T24, T25, T29, T32, T33 and T34
* *T6 is used for Class 7, UN 332,3321 and 2912. Class 7 is not covered by the rationalized approach.*

The following is a list of existing T Codes (Tenth Revised Edition) which are no longer necessary on the basis of the Rationalized Approach for Portable Tanks.

T5, T7-T12, T14-T18, T21-T23, T25-T28 and T30-T31

It is proposed that the revised T Codes be renumbered as follows:
* *1st column old code, 2nd column new code*

T1 ⇨ T1	T20 ⇨ T8
T2 ⇨ T2	T24 ⇨ T9
T3 ⇨ T3	T25 ⇨ T10
T4 ⇨ T4	T29 ⇨ T11
T6 ⇨ T5	T32 ⇨ T15*
T13 ⇨ T6	T33 ⇨ T16*
T19 ⇨ T7	T34 ⇨ T20*

* *These are numbered accordingly to allow for additional T Codes if necessary. For instance on the basis of ST SG AC.10 C.3 1997 20 the expert from the United States proposed two additional T Codes for toxic by inhalation substances.*

The following is a proposed revised hierarchy table to replace the existing table in 4.2.4.2.5:

Portable tank instruction specified	Portable tank instructions also permitted
T1	T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T15, T16
T2	T4, T5, T6, T7, T8, T9, T10, T11, T15, T16
T3	T4, T5, T6, T7, T8, T9, T10, T11, T15, T16
T4	T5, T6, T7, T8, T9, T10, T15, T16
T5	T8, T11, T16
T6	T7, T8, T9, T10, T11, T15, T16
T7	T8, T11, T15, T16
T8	T11, T15, T16
T9	T10, T11, T15, T16
T10	T11, T16
T15	T16
T16	None
T20	None

It is proposed that the list of Portable tank instructions in 4.2.4.2.6 be revised as follows:

4.2.4.2.6 Portable tank instructions

T1 - T16	PORTABLE TANK INSTRUCTIONS			T1 -T16
These portable tank instructions apply to liquid and solid substances of Classes 3 to 9. The general provisions of section 4.2.1 and the requirements of section 6.6.2 shall be met.				
Portable tank instruction	**Minimum test pressure (bar)**	**Minimum shell thickness (in mm-reference steel) (see 6.2.4)**	**Bottom opening requirements (see 6.6.2.6)**	**Pressure-relief requirements (see 6.6.2.8)**
T1	1.5	See 6.6.2.4.2	See 6.6.2.6.2	Normal
T2	1.5	See 6.6.2.4.2	See 6.6.2.6.3	Normal
T3	2.65	See 6.6.2.4.2	See 6.6.2.6.2	Normal
T4	2.65	See 6.6.2.4.2	See 6.6.2.6.3	Normal
T5	2.65	See 6.6.2.4.2	Not Allowed	See 6.6.2.8.3
T6	4	See 6.6.2.4.2	See 6.6.2.6.3	Normal
T7	4	6mm	Not allowed	Normal
T8	4	6mm	Not allowed	See 6.6.2.8.3
T9	6	See 6.6.2.4.2	See 6.6.2.6.3	Normal
T10	6	See 6.6.2.4.2	See 6.6.2.6.3	See 6.6.2.8.3
T11	6	6mm	Not allowed	See 6.6.2.8.3
T15	10	10mm	Not allowed	Normal
T16	10	10mm	Not allowed	See 6.6.2.8.3

Consequential amendments to Part 4 are proposed as follows:

In 4.2.1.1, (T1-T34)" in the fifth line should be changed to "(T1-T20)".

In 4.2.1.13.15, "T34" should be changed to "T20".

In 4.2.4.1.1, "(T1-T36)" in the third line should be changed to "(T1-T75)".

In 4.2.4.2.2, "(T1-T34)" in the first line should be changed to "(T1-T20)". In the third line, "T34" should be changed to "T20".

In the table for T34, "T34" should be changed to "T20".

Amendments to the portable tank special provisions are proposed as follows:

In accordance with the rationalized approach TP 11 and TP 15 should be deleted.

TP 14 should be deleted since alll substances assigned to TP 14 are required to be transported in portable tanks with a minimum test pressure of 10 bar.